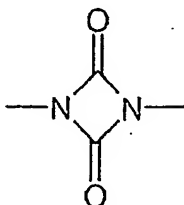


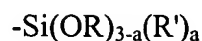
## AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): Amino- and/or ammoniopolysiloxane compounds and salts thereof, ~~that they have~~ comprising at least one functional group selected from ~~groups~~ the group consisting of ~~formulae~~ formula (I) and formula (II):



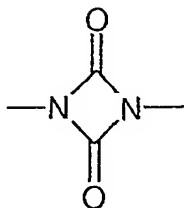
(I),



(II)

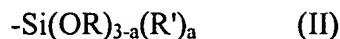
~~in which~~ wherein a is an integer from 0 to 2 and R and R' may be the same or different from one another and each ~~represent~~ represents an organic radical.

Claim 2 (currently amended): The Compound ~~compound~~ according to Claim 1, ~~characterized in that it has~~ comprising at least one functional group of the formula (I):



(I)

Claim 3 (currently amended): ~~The Compound~~ compound according to Claim 1, ~~characterized in that it has~~ comprising at least one functional group of the formula (II):



wherein R and a are each as defined above.

Claim 4 (currently amended): ~~The Compound~~ compound according to ~~one of Claims 1 to 3,~~ characterized in that it has having at least three units selected from the units Q and V, ~~in which wherein~~ wherein Q is at least one di-, tri- and/or tetravalent amino and/or ammonium group which is not bonded to V via a carbonyl carbon atom, and V is at least one organic unit which is bonded to the Q units via carbon, with the proviso that at least one of the units V contains a polyorganosiloxane radical.

Claim 5 (currently amended): ~~The Compound~~ compound according to Claim 4, ~~which has~~ comprising at least two units V which contain a polyorganosiloxane radical.

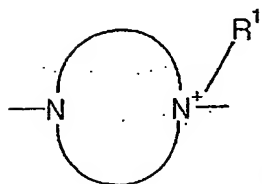
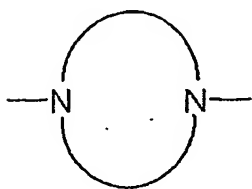
Claim 6 (currently amended): ~~The Compound~~ compound according to Claim 4, ~~characterized in that it has~~ comprising at least two Q units.

Claim 7 (currently amended): ~~The Compound~~ compound according to ~~one of Claims~~ claim 4 to 6, ~~characterized in that wherein~~ wherein the unit Q is selected from the group ~~which consists~~ consisting of:

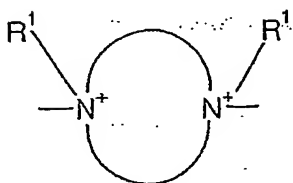
$-\text{NR}^1-$ ,

$-\text{N}^+\text{R}^1_2$ ,

a saturated or unsaturated, diamino-functional heterocycle which is optionally substituted by further substituents and ~~is of the formulae~~ has a formula selected from the group consisting of:

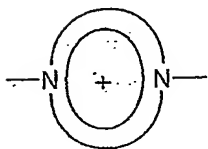


and

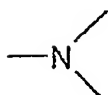


, and also

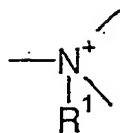
an aromatic, optionally substituted, diamino-functional heterocycle of the formula:



a trivalent radical of the formula:

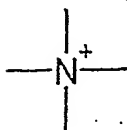


a trivalent radical of the formula:



, or

a tetravalent radical of the formula



~~in which~~ wherein  $R^1$  is in each case hydrogen or a monovalent organic radical, where Q is not bonded to a carbonyl carbon atom.

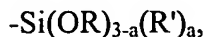
Claim 8 (currently amended): ~~The Compound~~ according to ~~one of Claims claim 1 to 7,~~  
~~characterized in that it has~~ comprising at least one quaternary ammonium group.

Claim 9 (currently amended): ~~The Compound~~ according to ~~one of Claims claim 1 to 8,~~  
~~characterized in that it has~~ comprising at least two quaternary ammonium groups.

Claim 10 (currently amended): ~~The Compound~~ compound according to ~~one of Claims claim 4 to 9,~~ characterized in that wherein the unit V is selected from ~~at least one the group~~  
consisting of polyvalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 1000 carbon atoms (where the carbon atoms of the optionally present polyorganosiloxane radical are not counted), may optionally contain one or more groups selected from

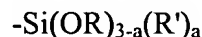
-O-, -C(O)-, -C(S)-,

-NR<sup>2</sup>- ~~in which~~ wherein  $R^2$  is hydrogen, a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 300 carbon atoms, may contain one or more groups selected from -O-, -NH-, -C(O)- and -C(S)-, and may optionally be substituted by one or more substituents selected from the group which consists of a hydroxyl group, an optionally substituted heterocyclic group ~~which preferably contains one or more nitrogen atoms,~~ polyether radicals, polyetherester radicals, polyorganosiloxanyl radicals and



~~in which~~ wherein a, R and R' are each as defined above, where, when a plurality of  $-\text{NR}^2-$  groups are present, they may be the same or different, and with the proviso that the  $-\text{NR}^2-$

group bonds to a carbonyl and/or thiocarbonyl carbon atom,  $-\overset{\text{I}}{\text{N}}-$  and polyorganosiloxane radicals, and may optionally be substituted by one or more hydroxyl groups and/or groups of the formula (II)

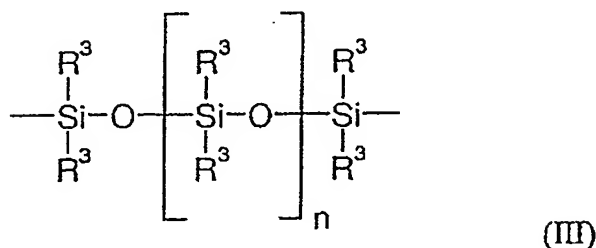


~~in which~~ wherein a, R and R' are each as defined above,

and with the proviso that at least one V radical contains at least one polyorganosiloxane radical,

and ~~in which~~ wherein the polyvalent Q and V groups bonded to one another are saturated terminally by monovalent organic radicals.

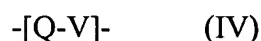
Claim 11 (currently amended): ~~The Compound~~ compound according to ~~Claim~~ claim 10, characterized ~~in that that~~ wherein the polyorganosiloxane radical is a divalent group of the formula (III)



~~in which~~ wherein the  $\text{R}^3$  units may be the same or different and ~~is~~ are selected from the group ~~which consists~~ consisting of  $\text{C}_1$  to  $\text{C}_{22}$ -alkyl, fluoro( $\text{C}_3$  to  $\text{C}_{10}$ )alkyl,  $\text{C}_6$ – $\text{C}_{10}$ -aryl and  $-\text{W}-\text{Si}(\text{OR})_{3-a}(\text{R}')_a$  wherein R, R' and a are each as defined above and W is -O- or a divalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -C(O)-, -O-, -NH-, -S- groups, and may optionally be substituted by hydroxyl, and n = from 0 to 1000.

Claim 12 (currently amended): ~~The Compound~~ compound according to ~~Claim claim~~ 10 ~~or 11~~,  
~~which has~~ comprising at least two V groups which contain a polyorganosiloxane radical.

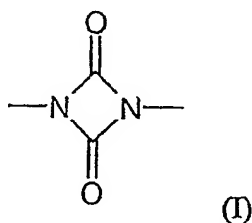
Claim 13 (currently amended): ~~The Compound~~ compound according to ~~one of Claims claim~~ 4 to  
12, ~~characterized in that it~~ wherein the compound contains at least one unit of the formula  
(IV):



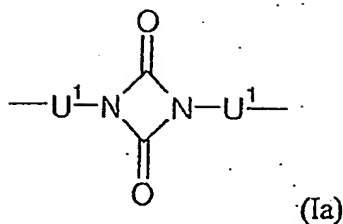
~~in which~~ wherein Q and V are each as defined above, and the Q and V groups are  
saturated terminally by monovalent organic groups.

Claim 14 (currently amended): ~~The Compound~~ compound according to ~~Claim claim~~ 13,  
~~characterized in that it has~~ comprising at least two repeat units of the formula (IV).

Claim 15 (currently amended): ~~The Compound~~ compound according to ~~one of Claims claim~~ 4 to  
14, ~~characterized in that~~ wherein at least one of the V groups comprises a functional  
group of the formula (I)

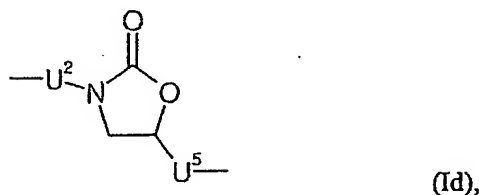
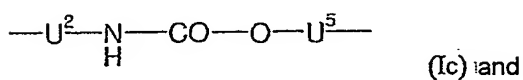
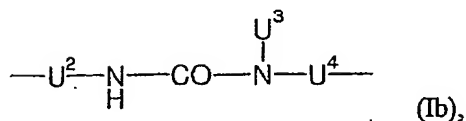


Claim 16 (currently amended): ~~The Compound~~ compound according to ~~one of Claims claim~~ 1 to  
15, ~~characterized in that it~~ wherein the compound contains at least one functional group  
(I) of the formula (Ia)



~~in which~~ wherein

U¹ is selected from the group ~~which consists~~ consisting of divalent radicals of the formulae:



where

U² is bonded to the nitrogen atom of the functional group of the formula (I), and

U² is a divalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -O- groups,

U³ is hydrogen or a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one

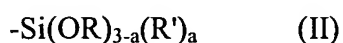
or more -O- groups and be substituted by OH, ~~consist~~ consisting of -W-Si(OR)<sub>3-a</sub>(R')<sub>a</sub> ~~in which~~ wherein R, R' are each as defined above and a = from 0 to 2 and W is a divalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -C(O)-, -O-, -NH-, -S- groups, and may optionally be substituted by hydroxyl groups,

U<sup>4</sup> and U<sup>5</sup> are each divalent straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radicals which have up to 1000 carbon atoms and may optionally

contain one or more groups selected from -O-, -C(O)-,  $\text{---}\overset{\text{I}}{\text{N}}\text{---}$ , -NR<sup>2</sup> ~~in which~~ wherein R<sup>2</sup> is as defined above, and which may optionally be substituted by one or more hydroxyl

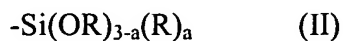
groups, with the proviso that the  $\text{---}\overset{\text{I}}{\text{N}}\text{---}$  and -NR<sup>2</sup>- groups are bonded to a carbonyl carbon atom.

Claim 17 (currently amended): The Compound compound according to ~~one of Claims claim~~ 1 to 16, ~~characterized in that~~ wherein the group of the formula (II)



~~in which~~ wherein a, R and R' are each as defined above is bonded to a carbon atom.

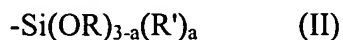
Claim 18 (currently amended): The Compound compound according to ~~one of Claims claim~~ 4 to 17, ~~characterized in that~~ wherein at least one of the V ~~and/or~~ or Q groups has a group of the formula (II)



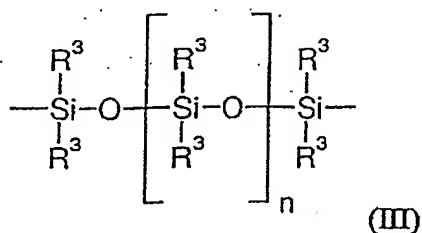
~~in which~~ wherein a, R and R' are each as defined above.



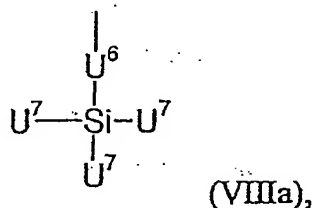
Claim 19 (currently amended): ~~The Compound~~ compound according to ~~one of Claims claim 7 to 18, characterized in that it has~~ wherein the compound comprises a unit Q which has an R<sup>1</sup> radical which has a group of the formula (II)



Claim 20 (currently amended): ~~The Compound~~ compound according to ~~one of Claims claim 4 to 18, characterized in that it has~~ comprising at least one unit V which contains a group of the formula (III)



Claim 21 (currently amended): ~~The Compound~~ compound according to ~~one of Claims claim 7 to 20, characterized in that it has~~ comprising at least one R<sup>1</sup> radical of the formula (VIIIa)



in which wherein

U<sup>6</sup> is a divalent straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may optionally contain one or more groups selected from -O-, -C(O)-, -NH- and -NU<sup>8</sup>-, or may optionally be substituted by one or more hydroxyl groups, ~~in which wherein~~ U<sup>8</sup> is hydrogen or a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -O- groups and be

substituted by OH, with the proviso that -NH- and -NU<sup>8</sup>- is bonded to a carbonyl and/or thiocarbonyl carbon atom, and

U<sup>7</sup> is a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 20 carbon atoms and may contain one or more -O- groups and be substituted by OH,

with the proviso that the U<sup>7</sup> radicals may be the same or different and at least one U<sup>7</sup> radical per silicon atom is bonded to the silicon atom via -O-.

Claim 22 (currently amended): The Process process for preparing the amino- and/or ammoniopolysiloxane compound according to ~~one of Claims claim 1 to 21, in which~~ wherein

- a) at least one amine compound selected from a the group consisting of diamine ~~compound compounds, and/or a primary monoamine compounds or and~~ secondary monoamine ~~compound compounds~~ is reacted with a multifunctional, ~~preferably difunctional~~, organic compound capable of reaction with the amino functions of the amine compound, the molar ratio of the amino functions of the amine compound mentioned to the functional groups of the multifunctional, ~~preferably difunctional~~, organic compound mentioned being from about 0.5 to 2, or
- b) at least two moles of an amine compound (1) selected from a the group consisting of diamine ~~compound compounds, (1) and/or a primary monoamine compounds (1), or~~ and secondary monoamine ~~compound compounds~~ (1) is reacted with one mole of a multifunctional, preferably difunctional, organic compound (1) capable of reaction with the amino functions of the amine compound to form a diamine compound (2) (monomer), and the diamine compound (2) (monomer) is subsequently reacted with at least one further multifunctional, ~~preferably difunctional~~, organic compound (2) capable of reaction with the amino functions of the diamine compound (2), optionally in the presence of further amine compounds (2), the stoichiometry of the amino functions and the functional groups capable of reaction with amino functions in the last stage of the reaction being about 1:1, and the organic compounds (1) and (2) being the same or different from one another, or

- c) an amine compound selected from a the group consisting of a diamine compound (1), and/or a primary monoamine compound, or and a secondary monoamine compound is reacted with a multifunctional, ~~preferably difunctional~~, organic compound (1) capable of reaction with the amino functions of the amine compounds to form a diamine compound (2) (amino-terminated oligomer), the molar ratio of the amino functions of the amine compound mentioned to the functional groups of the multifunctional, preferably difunctional, organic compound (1) mentioned being from about 1 to 2,  
then the resulting diamine compound (2) (amino-terminated oligomer) is reacted with at least one multifunctional, preferably difunctional, organic compound (2) capable of reaction with the amino functions of the diamine compounds, the stoichiometry of the amino functions and of the functional groups capable of reaction with amino functions in the last stage of the reaction being about 1:1, and the organic compounds (1) and (2) being the same or different, or
- d) an amine compound selected from a the group consisting of a diamine compound (1), and/or a primary monoamine compound, or and a secondary monoamine compound is reacted with a multifunctional, ~~preferably difunctional~~, organic compound (1) capable of reaction with the amino functions of the amine compounds to form a multifunctional, ~~preferably difunctional~~, organic compound (2) (difunctional oligomer) capable of reaction with amino functions, the molar ratio of the amino functions of the amine compound mentioned to the functional groups of the multifunctional, ~~preferably difunctional~~, organic compound (1) mentioned being from about 0.5 to 1,  
then the organic compound (2) (difunctional oligomer) is reacted with at least one amine compound (2) selected from a the group consisting of a diamine compound, and/or a primary monoamine compound, or and a secondary monoamine compound, optionally in the presence of one or more multifunctional, ~~preferably difunctional~~, organic compounds (3) capable of reaction with amino functions, the stoichiometry of the amino functions and the functional groups capable of reaction with amino functions in the last stage of the reaction being about 1:1,

in the course of which, if appropriate, either or both of monofunctional, ~~preferably tertiary,~~ monoamines or suitable monoamines incapable of chain propagation ~~and/or~~ or monofunctional compounds capable of reaction with amino functions may be added as chain terminators, and in the course of which any amino functions present in the resulting products may subsequently be protonated or quaternized.

Claim 23 (currently amended): The Process ~~process~~ according to Claim 22, ~~in which~~ wherein the introduction of the functional group of the formula (I) comprises:

- a) the reaction of diisocyanates comprising the functional group of the formula (I) with at least one mole of a diamine (1) to form a monomeric, oligomeric or polymeric diamine (2) which comprises the functional group of the formula (I), or
  - b) the reaction of one mole of a diisocyanate containing the functional group of the formula (I) with at least one mole of a multifunctional, ~~preferably difunctional,~~ organic compound (1) capable of reaction with the isocyanate groups and amino groups to form a multifunctional, ~~preferably difunctional,~~ monomeric, oligomeric or polymeric organic compound (2) which is capable of reaction with amino groups and contains the group of the formula (I), or
  - c) the reaction of one mole of a diisocyanate containing the functional group of the formula (I) with at least one mole of a multifunctional, ~~preferably difunctional,~~ organic compound (1) capable of reaction with the isocyanate groups to form a multifunctional, preferably difunctional, organic monomeric, oligomeric or polymeric compound (2) containing the functional group of the formula (I) and terminal groups capable of reaction with isocyanate groups, conversion of the organic compound (2) mentioned to a multifunctional, ~~preferably difunctional,~~ monomeric, oligomeric or polymeric organic compound (3) capable of reaction with amino groups
- and the use of the resulting compounds containing the group of the formula (I) in the processes a) to d) of claim 22.

Claim 24 (currently amended): ~~The Process~~ process according to ~~Claim claim~~ 22 or 23, ~~in which~~ wherein the introduction of the functional group of the formula (II) comprises either or both of the reaction of an amine compound selected from a the group consisting of a diamine compound, ~~and/or~~ a primary monoamine compound, secondary monoamine compound or tertiary monoamine compound containing the unit of the formula (II), ~~and/or or~~ the reaction of a multifunctional, ~~preferably difunctional~~, organic compound containing the unit of the formula (II).

Claim 25 (currently amended): ~~The Process~~ process according to ~~one of Claims claim~~ 22 to 24, ~~in which~~ wherein the functional groups of the multifunctional, ~~preferably difunctional~~, compounds capable of reaction with amino functions are selected from the group ~~which consists~~ consisting of epoxy groups and haloalkyl groups.

Claim 26 (currently amended): ~~The Process~~ process for preparing formulations comprising at least one compound according to ~~one of Claims claim~~ 1 to 21.

Claim 27 (currently amended): ~~The Formulation~~ formulation according to ~~Claim claim~~ 26, comprising at least one solvent selected from water and organic solvents.

Claim 28 (currently amended): An aqueous emulsion comprising the ~~Formulation~~ formulation according to Claim 26 or 27 ~~1 in the form of an aqueous emulsion~~.

Claim 29 (currently amended): An aqueous microemulsion comprising the ~~Formulation~~ formulation according to ~~Claim claim~~ 28 ~~in the form of an aqueous microemulsion~~.

Claim 30 (currently amended): A ~~Laundry~~ laundry detergent formulation comprising at least one compound according to ~~one of Claims claim~~ 1 to 21.

Claim 31 (currently amended): A ~~Laundry~~ laundry detergent formulation according to Claim 30, comprising either or both of nonionogenic ~~and/or~~ and anionic surfactants.

Claim 32 (currently amended): A ~~Cosmetic~~ cosmetic formulation comprising at least one compound according to ~~one of Claims claim 1 to 21.~~

Claim 33 (currently amended): Use of the compounds or formulations according to ~~one of Claims claim 1 to 21~~ for preparing formulations for finishing or treating natural or synthetic fibers or fiberlike substrates, ~~or for cosmetic application, or according to Claims 27 to 32 for preparing subsequent formulations for treating natural or synthetic fibers or fiberlike substrates and in cosmetic applications.~~

Claim 34 (currently amended): A ~~Process~~ process for treating ~~and/or~~ or finishing natural or synthetic fibers or fiberlike substrates, ~~that comprises~~ comprising the wetting treatment of natural or synthetic fibers or fiberlike substrates ~~and, if appropriate, activation~~ with at least one of the compounds according to ~~one of Claims claim 1 to 21 and formulations according to Claims 27 to 32.~~

Claim 35 (currently amended): A ~~Natural~~ natural or synthetic fiber or fiberlike substrate treated with at least one ~~of the compounds~~ compound according to ~~one of Claims claim 1 to 21 or 27 to 34 and products produced therefrom.~~

Claim 36 (currently amended): A ~~cosmetic formulation, laundry detergent, or substrate surface treatment comprising a~~ Use of the compounds compound according to ~~one of Claims claim 1 to 21 and formulations according to Claim 27 32 in cosmetic formulations, in laundry detergents or for surface treatment of substrates.~~